

Applicants: Stephen L. Lincoln and  
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Serial No.: 09/618,178  
Filed: 18 July 2000  
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petition for an extension of time by mail with a certificate of mailing on 18 July 2002. The appeal was dated 23 July 2002. Pursuant to a petition for an extension of time submitted herewith, the time for filing an appeal brief in the subject appeal has been set for 23 February 2003, which falls on a Sunday. The present reply to a final Office Action and accompanying Request for Continued Examination (RCE) under 37 CFR 1.114 and petition for extension of time are being submitted by mail with a certificate of mailing on the next business day following the Sunday deadline and therefore are being timely submitted.

### A M E N D M E N T S

Please amend the subject application as set forth below.

#### In the Claims

Amend claims 51, 52, 56, 58, 60, and 62 through 68 inclusive as set forth below (which repeats amendments set forth in a previous reply dated 13 December 2001, but not entered):

Claims 51, 56, 62, 64, and 67, line 1, for "49" substitute - - 72 - -.

Claims 52, 58, 63, 65, and 68, line 1, for "50" substitute - - 74 - -.

Claims 60 and 66, line 1, for "48" substitute - - 72 - -.

Add the following new claims 75 through 95 inclusive.

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- -75. (New) A method of determining the genotype at a locus within genetic material obtained from a biological sample, the method comprising:

- D
- A. reacting the material at the locus to produce a first reaction value indicative of the presence of a given allele at the locus;
  - B. forming a data set including the first reaction value;